

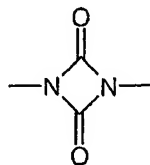
AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions of claims in the application:

Claims 1-14 (cancel)

Claim 15 (currently amended): Amino- and/or ammoniopolsiloxane compounds and salts thereof, comprising

(a) at least one functional group having formula (I):



(I),

(b) at least three units selected from the units Q and V,

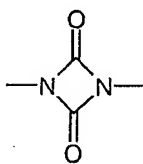
wherein Q is at least one di-, tri- and/or tetravalent amino and/or ammonium group which is not bonded to V via a carbonyl carbon atom, and

V is at least one organic unit which is bonded to the Q units via carbon,

with the proviso that at least one of the units V contains a polyorganosiloxane radical,

and

wherein at least one of the V groups comprises a functional group of the formula (I)

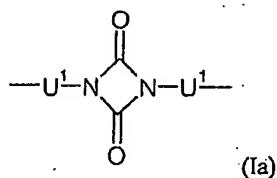


(I)

Deleted: The compound according to claim 4.

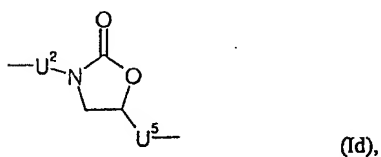
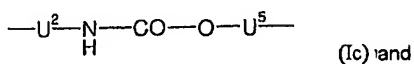
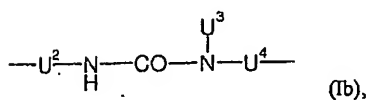
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Claim 16 (currently amended): The compound according to claim, 15, wherein the compound contains at least one functional group (I) of the formula (Ia)



wherein

U¹ is selected from the group consisting of divalent radicals of the formulae:



where

U² is bonded to the nitrogen atom of the functional group of the formula (I), and

U² is a divalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -O- groups,

U³ is hydrogen or a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -O- groups and be substituted by OH, consisting of -W-Si(OR)_{3-a}(R')_a wherein R, R' are each as defined above and a = from 0 to 2 and W is a divalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -C(O)-, -O-, -NH-, -S- groups, and may optionally be substituted by hydroxyl groups,

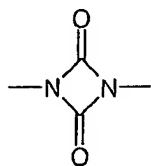
U⁴ and U⁵ are each divalent straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radicals which have up to 1000 carbon atoms and may optionally

contain one or more groups selected from -O-, -C(O)-, $\text{—}\overset{\text{I}}{\text{N}}\text{—}$, -NR²- wherein R² is as defined above, and which may optionally be substituted by one or more hydroxyl groups,

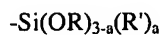
with the proviso that the $\text{—}\overset{\text{I}}{\text{N}}\text{—}$ and -NR²- groups are bonded to a carbonyl carbon atom.

Claims 17-37 (cancel)

Claim 38 (previously presented): Amino- and/or ammoniopolysiloxane compounds and salts thereof, comprising at least one functional group selected from the group consisting of formula (I) and formula (II):



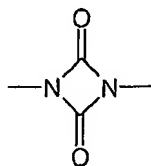
(I),



(II)

wherein a is an integer from 0 to 2 and R and R' may be the same or different from one another and each represents an organic radical, and
 wherein the group of the formula (II) is bonded to a carbon atom.

Claim 39 (previously presented): Amino- and/or ammoniopolysiloxane compounds and salts thereof, comprising at least one functional group selected from the group consisting of formula (I) and formula (II):



(I),



wherein a is an integer from 0 to 2 and R and R' may be the same or different from one another and each represents an organic radical,

and wherein said amino- and/or ammoniopolysiloxane compounds have at least three units selected from the units Q and V,

wherein Q is at least one di-, tri- and/or tetravalent amino and/or ammonium group which is not bonded to V via a carbonyl carbon atom, and

V is at least one organic unit which is bonded to the Q units via carbon,

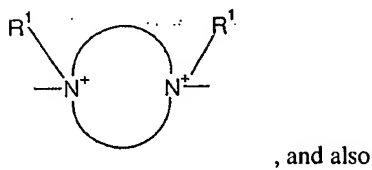
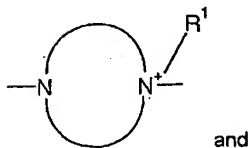
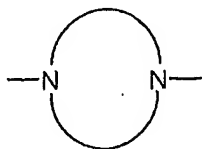
with the proviso that at least one of the units V contains a polyorganosiloxane radical,

wherein the unit Q is selected from the group consisting of:

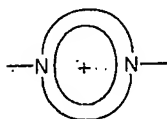
-NR^I-,

-N⁺R^I₂,

a saturated or unsaturated, diamino-functional heterocycle which is optionally substituted by further substituents and has a formula selected from the group consisting of:



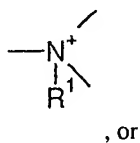
an aromatic, optionally substituted, diamino-functional heterocycle of the formula:



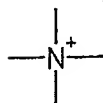
a trivalent radical of the formula:



a trivalent radical of the formula:



a tetraivalent radical of the formula



wherein R^1 is in each case hydrogen or a monovalent organic radical, where Q is not bonded to a carbonyl carbon atom,

wherein said amino- and/or ammoniopolysiloxane compounds comprises a unit Q which has an R^1 radical which has a group of the formula (II).

Claim 40 (previously presented): The compound according to claim 38 having at least three units selected from the units Q and V,
 wherein Q is at least one di-, tri- and/or tetraivalent amino and/or ammonium group which is not bonded to V via a carbonyl carbon atom, and
 V is at least one organic unit which is bonded to the Q units via carbon,
 with the proviso that at least one of the units V contains a polyorganosiloxane radical.

Claim 41 (previously presented): The compound according to claim 40, comprising at least two units V which contain a polyorganosiloxane radical.

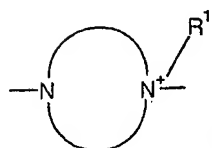
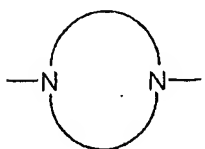
Claim 42 (previously presented): The compound according to claim 40, comprising at least two Q units.

Claim 43 (cancel)

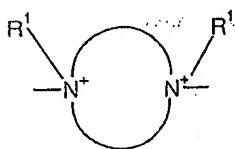
Claim 44 (previously presented): The compound according to claim 40, wherein the unit Q is selected from the group consisting of:



a saturated or unsaturated, diamino-functional heterocycle which is optionally substituted by further substituents and has a formula selected from the group consisting of:

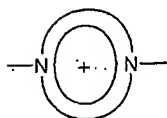


and



, and also

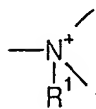
an aromatic, optionally substituted, diamino-functional heterocycle of the formula:



a trivalent radical of the formula:

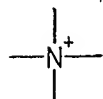


a trivalent radical of the formula:



, or

a tetraivalent radical of the formula



wherein R^1 is in each case hydrogen or a monovalent organic radical, where Q is not bonded to a carbonyl carbon atom.

Claim 45 (cancel)

Claim 46 (previously presented): The compound according to claim 38, comprising at least one quaternary ammonium group.

Claim 47 (previously presented): The compound according to claim 39, comprising at least one quaternary ammonium group.

Claim 48 (cancel)

Claim 49 (previously presented): The compound according to claim 38, comprising at least two quaternary ammonium groups.

Claim 50 (previously presented): The compound according to claim 39, comprising at least two quaternary ammonium groups.

Claim 51 (cancel)

Claim 52 (previously presented): The compound according to claim 39, wherein the unit V is selected from polyvalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 1000 carbon atoms (where the carbon atoms of the optionally present polyorganosiloxane radical are not counted), may optionally contain one or more groups selected from

-O-, -C(O)-, -C(S)-,

-NR²- wherein R² is hydrogen, a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 300 carbon atoms, may contain one or more groups selected from -O-, -NH-, -C(O)- and -C(S)-, and may optionally be substituted by one or more substituents selected from the group which consists of a hydroxyl group, an optionally substituted heterocyclic group polyether radicals, polyetherester radicals, polyorganosiloxanyl radicals and

-Si(OR)_{3-a}(R')_a,

wherein a, R and R' are each as defined above, where, when a plurality of -NR²- groups are present, they may be the same or different, and with the proviso that the -NR²- group

bonds to a carbonyl and/or thiocarbonyl carbon atom, $\text{---}\overset{\text{I}}{\text{N}}\text{---}$ and polyorganosiloxane radicals, and may optionally be substituted by one or more hydroxyl groups and/or groups of the formula (II)

-Si(OR)_{3-a}(R')_a

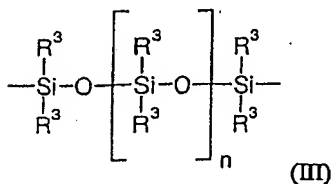
wherein a, R and R' are each as defined above,

and with the proviso that at least one V radical contains at least one polyorganosiloxane radical,

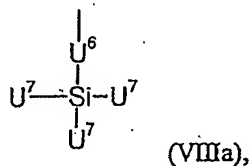
and wherein the polyvalent Q and V groups bonded to one another are saturated terminally by monovalent organic radicals.

Claims 53-55 (cancel)

Claim 56 (previously presented): The compound according to claim 39, comprising at least one unit V which contains a group of the formula (III)



Claim 57 (previously presented): The compound according to claim 37, comprising at least one R¹ radical of the formula (VIIIa)



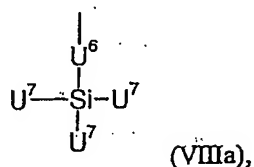
wherein

U⁶ is a divalent straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may optionally contain one or more groups selected from -O-, -C(O)-, -NH- and -NU⁸-, or may optionally be substituted by one or more hydroxyl groups, wherein U⁸ is hydrogen or a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -O- groups and be substituted by OH, with the proviso that -NH- and -NU⁸- is bonded to a carbonyl and/or thiocarbonyl carbon atom, and

U⁷ is a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 20 carbon atoms and may contain one or more -O- groups and be substituted by OH,

with the proviso that the U⁷ radicals may be the same or different and at least one U⁷ radical per silicon atom is bonded to the silicon atom via -O-.

Claim 58 (previously presented): The compound according to claim 38, comprising at least one R¹ radical of the formula (VIIIa)

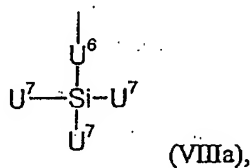


wherein

U⁶ is a divalent straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may optionally contain one or more groups selected from -O-, -C(O)-, -NH- and -NU⁸-, or may optionally be substituted by one or more hydroxyl groups, wherein U⁸ is hydrogen or a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -O- groups and be substituted by OH, with the proviso that -NH- and -NU⁸- is bonded to a carbonyl and/or thiocarbonyl carbon atom, and

U⁷ is a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 20 carbon atoms and may contain one or more -O- groups and be substituted by OH, with the proviso that the U⁷ radicals may be the same or different and at least one U⁷ radical per silicon atom is bonded to the silicon atom via -O-.

Claim 59 (previously presented): The compound according to claim 39, comprising at least one R¹ radical of the formula (VIIIa)



wherein

U⁶ is a divalent straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may optionally contain one or more groups selected from -O-, -C(O)-, -NH- and -NU⁸-, or may optionally be substituted by one or more hydroxyl groups, wherein U⁸ is hydrogen or a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -O- groups and be substituted by OH, with the proviso that -NH- and -NU⁸- is bonded to a carbonyl and/or thiocarbonyl carbon atom, and

U⁷ is a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 20 carbon atoms and may contain one or more -O- groups and be substituted by OH, with the proviso that the U⁷ radicals may be the same or different and at least one U⁷ radical per silicon atom is bonded to the silicon atom via -O-.

Claim 60 (cancel)

Claim 61 (previously presented): A process for preparing textile softening formulations comprising combining at least one compound according claim 38, with a laundry detergent.

Claim 62 (previously presented): A process for preparing textile softening formulations comprising combining at least one compound according claim 39, with a laundry detergent.

Claims 63-64 (cancel)

Claim 65 (previously presented): An aqueous emulsion comprising the formulation according to claim 38.

Claim 66 (previously presented): An aqueous emulsion comprising the formulation according to claim 39.